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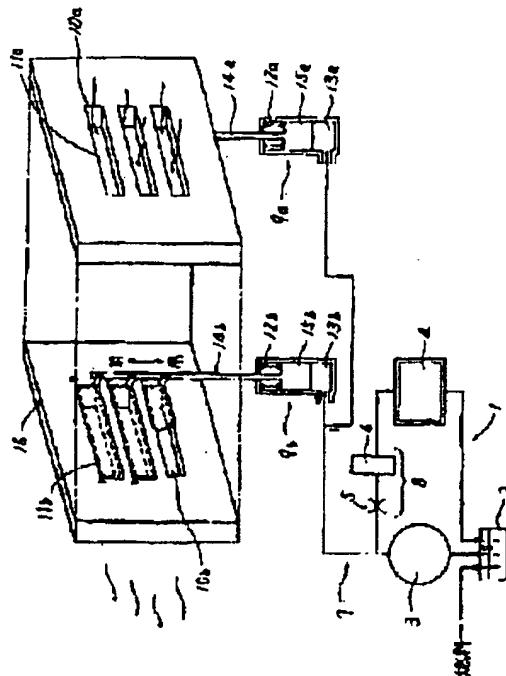
APPLICATION DATE : 28-12-90
APPLICATION NUMBER : 02409335

APPLICANT : AISIN AW CO LTD;

INVENTOR : TSUZUKI SHIGEO;

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**TITLE : HOUSING OPENING AND CLOSING
MECHANISM FOR LIQUID FUEL CELL**



ABSTRACT : PURPOSE: To quickly start and stop a fuel cell by stopping air supply concurrently with stopping fuel supply to a cell stack.

CONSTITUTION: Fluid pressure is supplied to actuators 9a and 9b for opening and closing a window 10a, taking in air in a fuel cell housing 16, and a window 10b, discharging the air, by branching a part of fuel supplied to a cell stack 4. Adjustment for this purpose is made by the discharge pressure of a flow rate controller 8 and a pump 3.

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